

**PENGEMBANGAN BAHAN AJAR PADA MATA PELAJARAN
PERBAIKAN PERALATAN LISTRIK RUMAH TANGGA DI SMK
NEGERI 1 PURWOREJO**

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ABSTRAK

Penelitian ini bertujuan untuk: (1) Mengembangkan bahan ajar pada mata pelajaran perbaikan peralatan listrik rumah tangga untuk kelas XII program keahlian TITL Semester Gasal di SMK N 1 Purworejo, (2) Menguji kelayakan bahan ajar pada mata pelajaran perbaikan peralatan listrik rumah tangga untuk kelas XII program keahlian TITL Semester Gasal di SMK N 1 Purworejo pada ahli media, (3) Menguji kelayakan bahan ajar mata pelajaran perbaikan peralatan listrik rumah tangga untuk kelas XII program keahlian TITL Semester Gasal di SMK N 1 Purworejo pada ahli materi, (4) Menguji kelayakan bahan ajar mata pelajaran perbaikan peralatan listrik rumah tangga untuk kelas XII program keahlian TITL Semester Gasal di SMK N 1 Purworejo pada siswa.

Penelitian ini merupakan penelitian RnD Model *4D-Models*. Teknik pengumpulan data mencakup observasi, wawancara, dan angket. Tahap pengujian kelayakan dilakukan oleh dua ahli media dan dua ahli materi. Pengujian *job sheet* perbaikan peralatan listrik rumah tangga dilakukan pada kelas XII di program keahlian TITL SMK N 1 Purworejo yang melibatkan 30 siswa. Teknik analisis data yang digunakan adalah deskriptif kualitatif.

Hasil penelitian ini adalah: (1) menghasilkan *job sheet* perbaikan peralatan listrik rumah tangga untuk kelas XII di program keahlian TITL SMK N 1 Purworejo, (2) hasil penilaian kelayakan *job sheet* perbaikan peralatan listrik rumah tangga oleh ahli materi mendapatkan rerata skor 84 dengan kategori “Layak”, (3) hasil penilaian kelayakan *job sheet* perbaikan peralatan listrik rumah tangga oleh ahli media mendapatkan rerata skor 64 dengan kategori “Layak”, (4) hasil penilaian kelayakan *job sheet* perbaikan peralatan listrik rumah tangga oleh siswa mendapatkan rerata skor 82,27 dengan kategori “Sangat Layak”.

Kata Kunci: Bahan ajar, *job sheet*, listrik, perbaikan.

**DEVELOPMENT OF TEACHING MATERIALS IN EQUIPMENT
IMPROVEMENT OF HOUSEHOLD ELECTRICAL EQUIPMENT IN SMK
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ABSTRACT

This study aims to: (1) Develop teaching materials on subjects for the improvement of household electrical appliances for class XII of the TITL Semester Gasal expertise program at SMK N 1 Purworejo, (2) Test the feasibility of teaching materials in subjects for repairing household electrical appliances for the class XII Odd Semester TITL expertise program at SMK N 1 Purworejo to media experts, (3) Testing the feasibility of teaching materials for the improvement of household electrical appliances for class XII Odd Semester TITL expertise program at SMK N 1 Purworejo on material experts, (4) Testing the feasibility of teaching materials for the improvement of household electrical appliances for class XII of the TITL Odd Semester expertise program at SMK N 1 Purworejo to students.

This research is a 4D-Models RnD Model research. Data collection techniques include observation, interviews, and questionnaires. The feasibility testing phase is carried out by two media experts and two material experts. Job sheet testing of household electrical equipment repairs is done in class XII in the SMK N 1 Purworejo TITL expertise program involving 30 students. The data analysis technique used is descriptive qualitative.

The results of this study are: (1) producing job sheets for household electrical equipment repairs for class XII in the SMK N 1 Purworejo TITL expertise program, (2) the results of the appraisal of job sheets for repairing household electrical appliances by material experts get an average score of 84 in the category "Eligible", (3) the results of the appraisal of the job sheet for repair of household electrical appliances by media experts get a mean score of 64 in the "Eligible" category, (4) the results of the appraisal of a job sheet for repairing household electrical appliances by students get an average score of 82, 27 with the category "Very Eligible".

Keywords: *Electricity, job sheets, repairs, teaching materials.*